

**ABSTRACT**

A light source device has an internal electrode (24) disposed at an end portion inside a bulb (23), and an external electrode (25) disposed outside the bulb (23). A holder member (27) holds the external electrode (25) so as to be opposed to the bulb (23) with a predetermined distance of a space (26). A dielectric member (30) is disposed outside the bulb (23), at a position corresponding to the internal electrode (24) so as to be interposed between the bulb (23) and the external electrode (25).